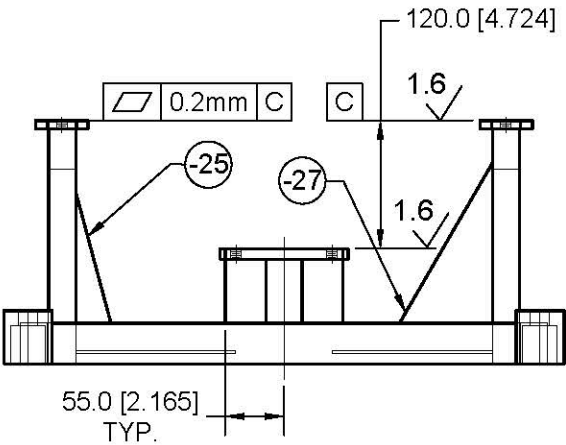
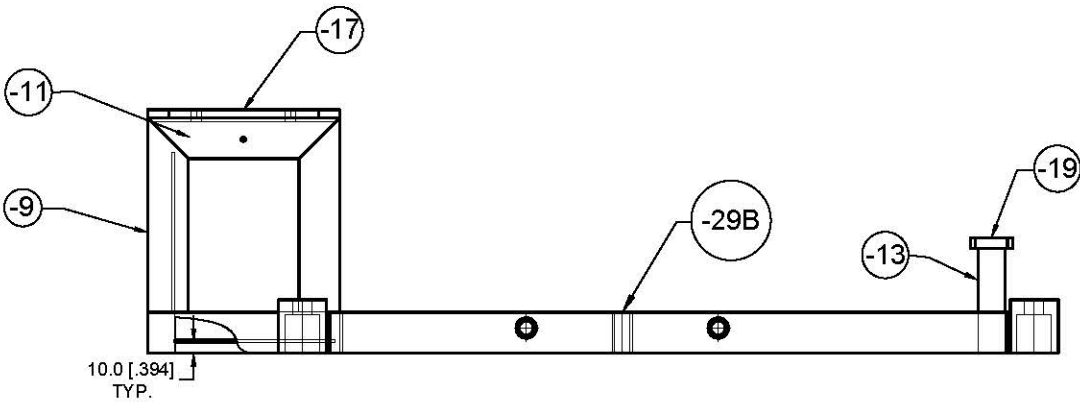
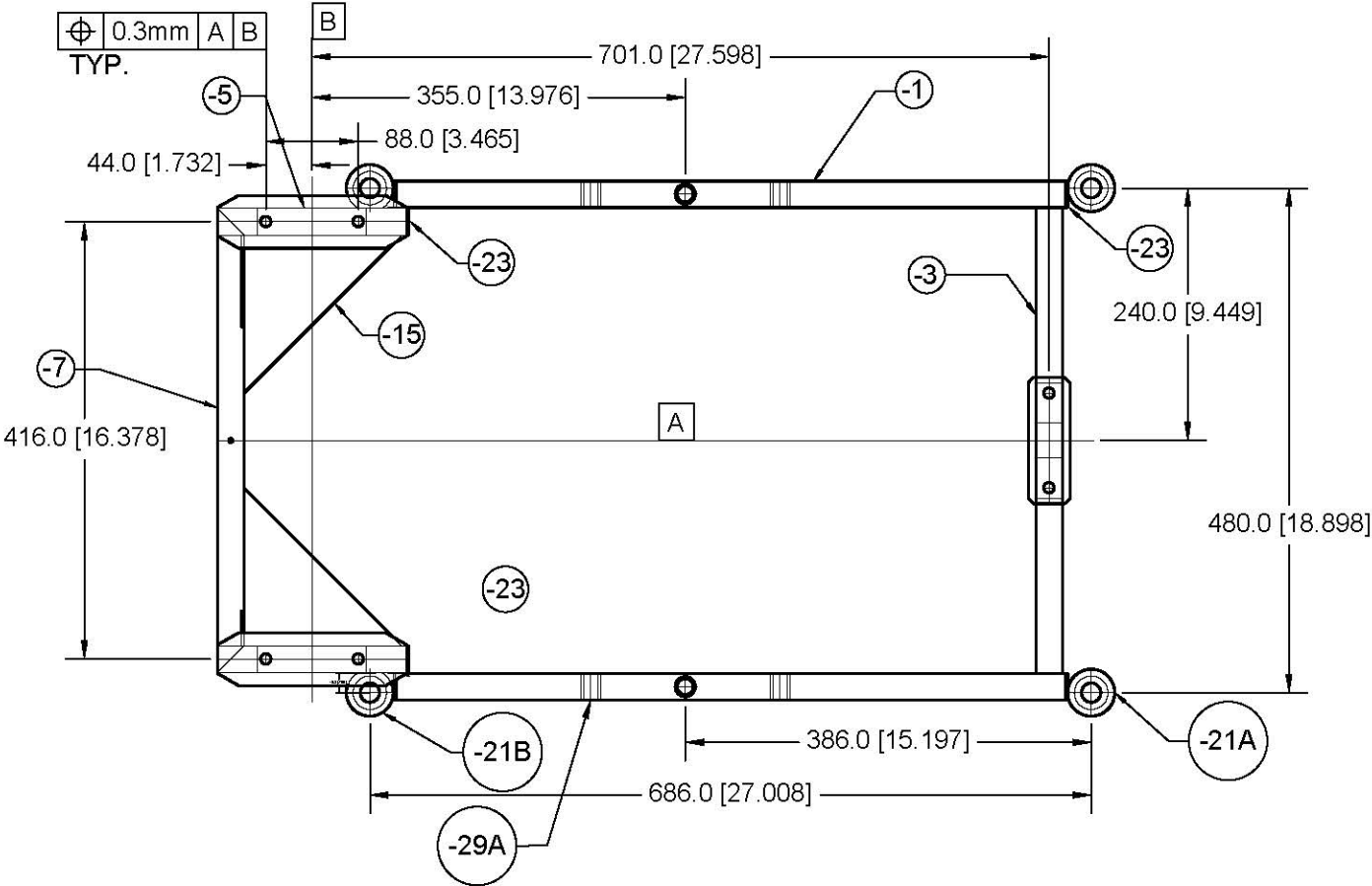


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



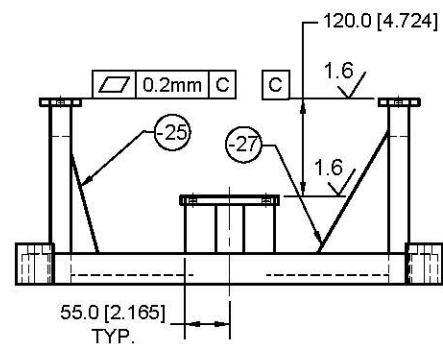
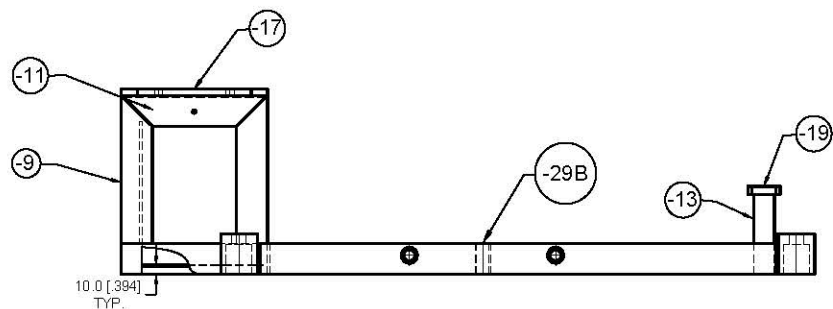
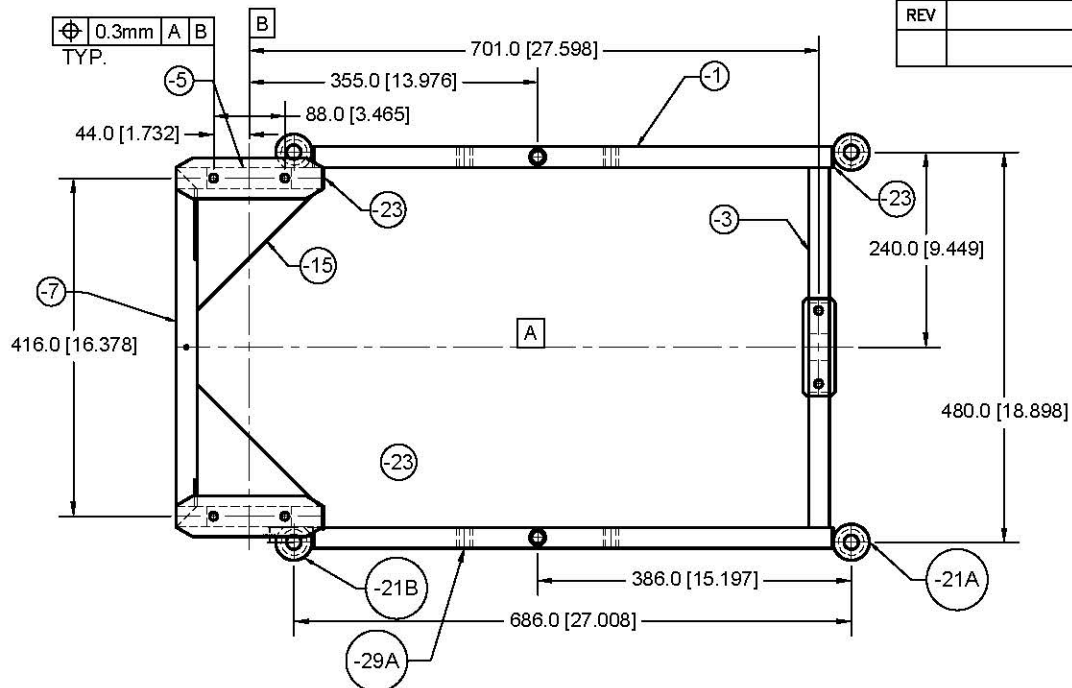
PART #	QTY	DESCRIPTION
-1	2	SEE PAGE 2
-3	1	SEE PAGE 3
-5	2	SEE PAGE 5
-7	1	SEE PAGE 5
-9	4	SEE PAGE 8
-11	2	SEE PAGE 7
-13	2	SEE PAGE 8
-15	2	SEE PAGE 9
-17	2	SEE PAGE 10
-19	1	SEE PAGE 11
-21A	2	SEE PAGE 12
-21B	2	SEE PAGE 12
-23	6	SEE PAGE 13
-25	1	SEE PAGE 14
-27	1	SEE PAGE 15
-29A	2	SEE PAGE 16
-29B	2	SEE PAGE 16

NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

		DRAWN BY: PERRITT		<div><div><div>RB</div><div>RED BARN MACHINE</div></div><div>TITLE</div><div>MOTOR SUPPORT STAND</div></div>	
		CHECKED			
		HEAT TREAT			
		FINISH SPEC			
USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
?		TOLERANCES ON:			
		DECIMALS			
		XXX ± .005 FRACTIONS ± 1/32			
		XX ± .01 ANGLES ± 5°			
		X ± .1			
		UNLESS OTHERWISE SPECIFIED			
		1. BREAK ALL SHARP EDGES			
		.015 x 45° PR .015 R			
		2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
		DWG NO.		REV.	
		8819116000			
		SCALE NTS		DATE 4-19-06	
				SHEET 1 of 16	



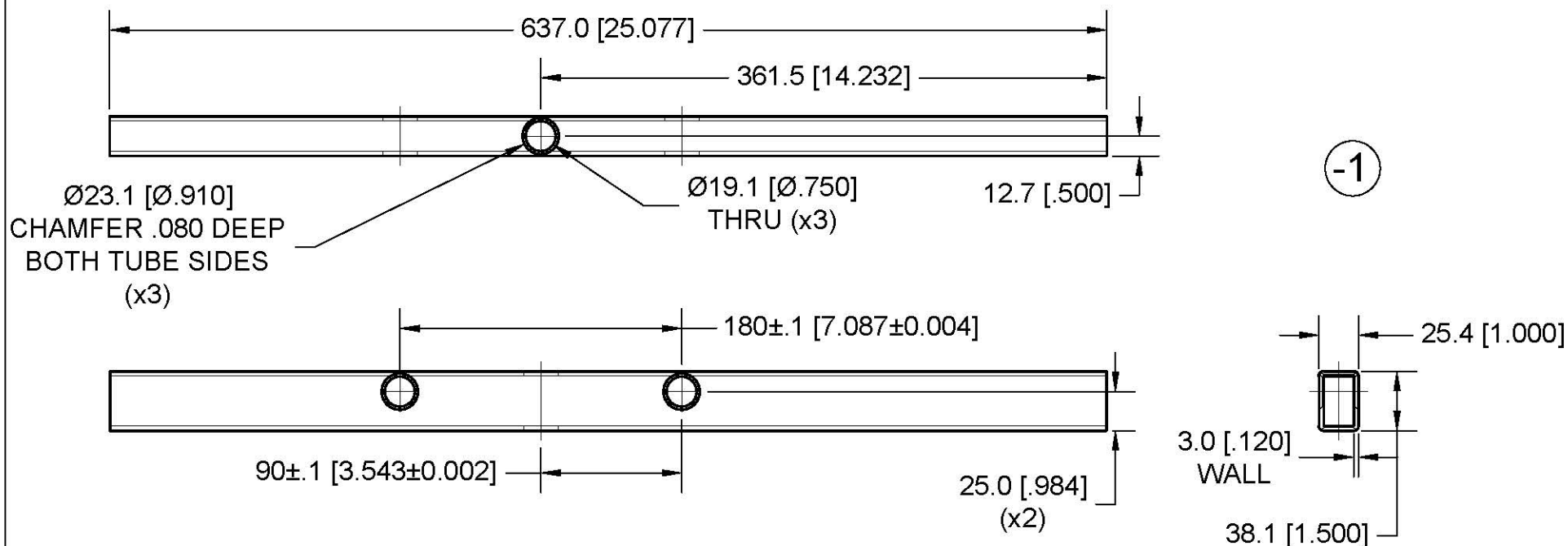
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PART #	QTY	DESCRIPTION
-1	2	SEE PAGE 2
-3	1	SEE PAGE 3
-5	2	SEE PAGE 5
-7	1	SEE PAGE 5
-9	4	SEE PAGE 6
-11	2	SEE PAGE 7
-13	2	SEE PAGE 8
-15	2	SEE PAGE 9
-17	2	SEE PAGE 10
-19	1	SEE PAGE 11
-21A	2	SEE PAGE 12
-21B	2	SEE PAGE 12
-23	6	SEE PAGE 13
-25	1	SEE PAGE 14
-27	1	SEE PAGE 15
-29A	2	SEE PAGE 16
-29B	2	SEE PAGE 16

DRAWN BY:	PERRITT
APPROVED	
HEAT TREAT	
FINISH SPEC	---
USED ON MODEL	ARIEL 1E-1E2
TOLERANCES ON:	UNLESS OTHERWISE SPECIFIED
DECIMALS	DIMENSIONS ARE IN INCHES
XXX ± .005	FRACTIONS ± 1/32
XX ± .01	ANGLES ± 5°
X ± .1	
	UNLESS OTHERWISE SPECIFIED
	1. BREAK ALL SHARP EDGES
	0.15 x 45° PR .015 R
	2. DIMENSIONAL LIMITS APPLY AFTER PLATING

RED BARN MACHINE	
TITLE BATI SUPPORT MOTUER	
DWG NO. 8819116000	REV
SCALE NTS	DATE 4-14-06
SHEET 1 of 16	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



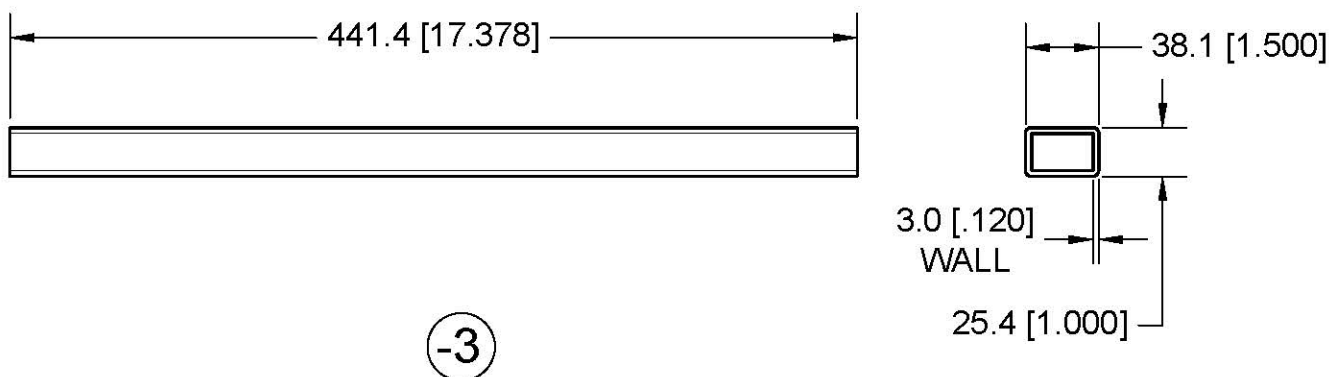
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			USED ON MODEL		DRAWN BY: PERRITT		<div>RB</div> RED BARN MACHINE	
			ARRIEL 1E-1E2		APPROVED			
					HEAT TREAT			
					FINISH SPEC --			
PART #			QTY		DESCRIPTION		TITLE	
-1			2		1" x 1-1/2" x .120 WALL x 25-1/4 LONG RECT. STEEL TUBING		MOTOR SUPPORT STAND	
							DWG NO. 8819116000	
							SCALE NTS	
							DATE 4-14-06	
							SHEET 2 of 16	
							REV	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



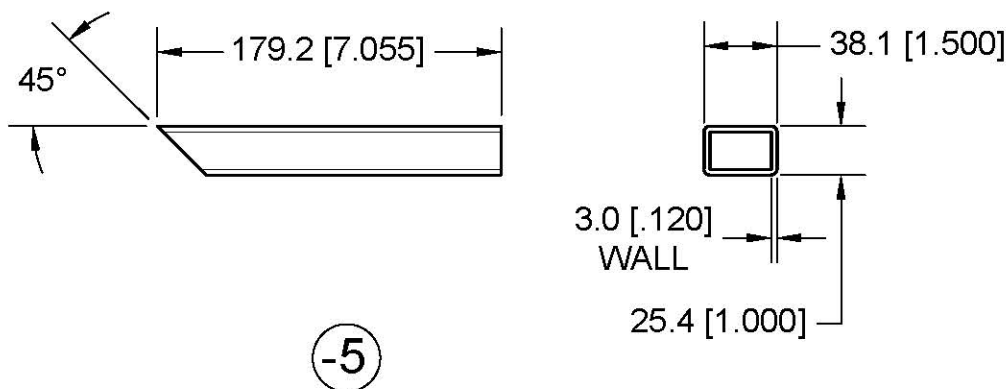
NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>		
			APPROVED				
			HEAT TREAT		TITLE		
			FINISH SPEC --				
			USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
			ARRIEL 1E-1E2				
					TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
					UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
PART #	QTY	DESCRIPTION			DWG NO.	8819116000	REV
-3	1	1" x 1-1/2" x .120 WALL x 17-5/8 LONG RECT. STEEL TUBING					
					SCALE	NTS	DATE 4-14-06
					SHEET 3 of 16		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



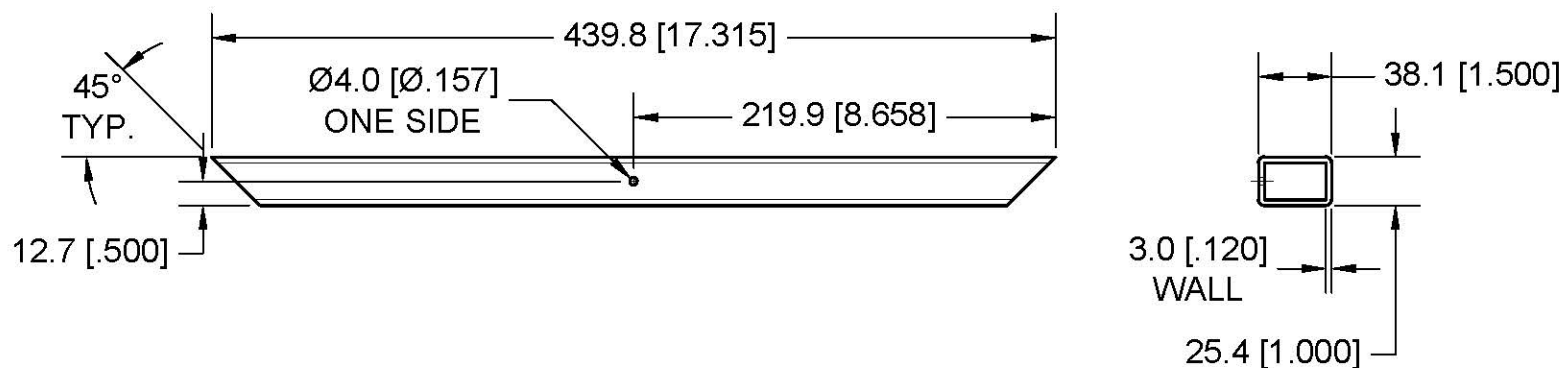
NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>				
			APPROVED						
			HEAT TREAT		TITLE				
			FINISH SPEC						
			USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1				
			ARRIEL 1E-1E2						
PART #			QTY					DESCRIPTION	
-5			2					1" x 1-1/2" x .120 WALL x 7-1/4 LONG RECT. STEEL TUBING	
					UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING				
					DWG NO. 8819116000 REV				
					SCALE NTS DATE 4-14-06 SHEET 4 of 16				

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-7

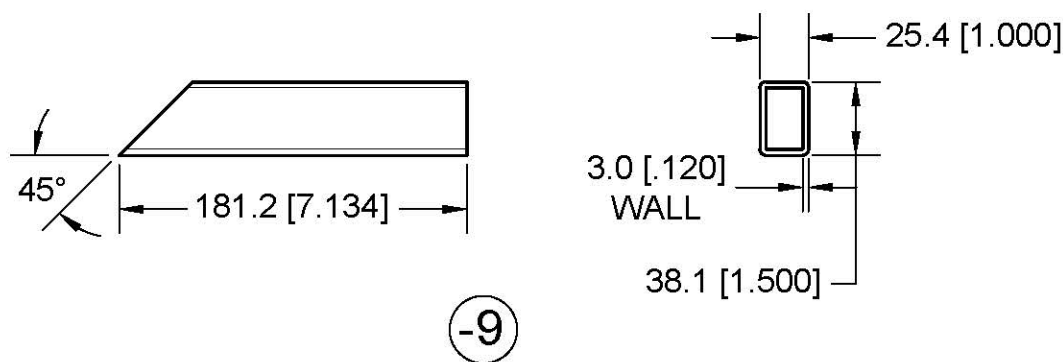
NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div><div><div>RB</div><div>RED BARN MACHINE</div></div><div>TITLE</div><div>MOTOR SUPPORT STAND</div><div>DWG NO. 8819116000</div><div>REV</div></div>		
			APPROVED				
			HEAT TREAT				
			FINISH SPEC				
			--				
			USED ON MODEL		<div><div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1</div><div>UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING</div></div>		
			ARRIEL 1E-1E2				
PART #	QTY	DESCRIPTION					
-7	1	1" x 1-1/2" x .120 WALL x 17-1/2 LONG RECT. STEEL TUBING					

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



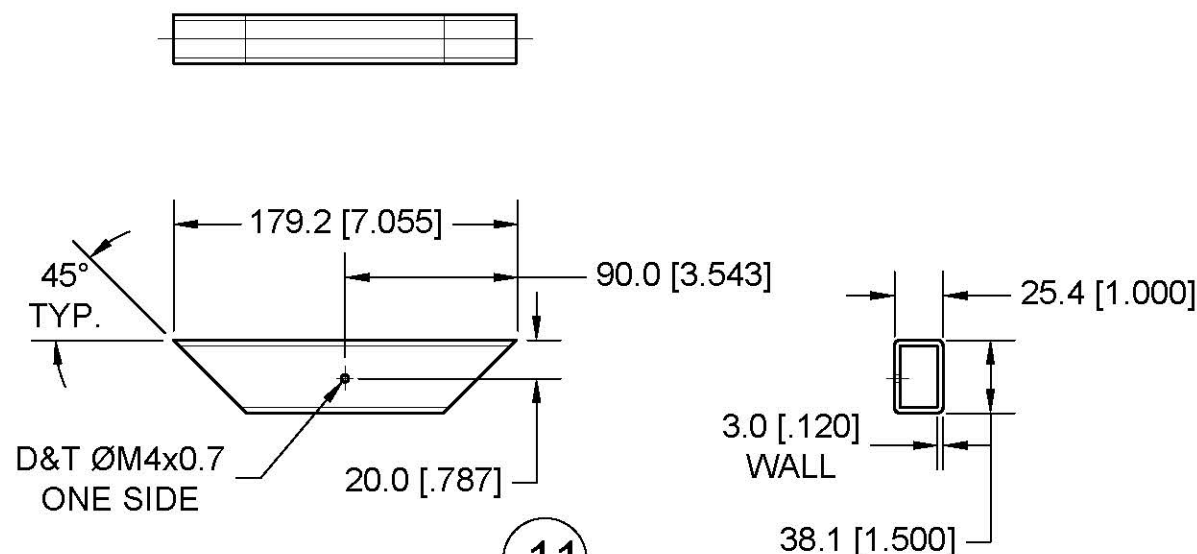
NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div>RB</div> RED BARN MACHINE		
			APPROVED				
			HEAT TREAT		TITLE		
			FINISH SPEC				
			USED ON MODEL		MOTOR SUPPORT STAND		
			ARRIEL 1E-1E2				
					DWG NO. 8819116000		
					REV		
					SCALE NTS		
					DATE 4-14-06		
					SHEET 6 of 16		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

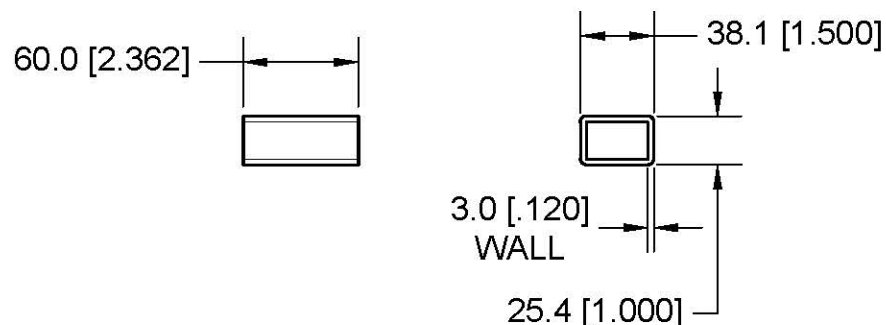


NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.
2. FACE, DRILL & TAP AFTER WELDING

			DRAWN BY: PERRITT		<div><div><div>RB</div></div>RED BARN MACHINE</div> <div>TITLE</div> <div>MOTOR SUPPORT STAND</div> <div>DWG NO. 8819116000</div> <div>REV</div>		
			APPROVED				
			HEAT TREAT				
			FINISH SPEC --				
			USED ON MODEL		<div>UNLESS OTHERWISE SPECIFIED</div> <div>DIMENSIONS ARE IN INCHES</div> <div>TOLERANCES ON:</div> <div>DECIMALS</div> <div>XXX ± .005 FRACTIONS ± 1/32</div> <div>XX ± .01 ANGLES ± 5°</div> <div>X ± .1</div> <div>UNLESS OTHERWISE SPECIFIED</div> <div>1. BREAK ALL SHARP EDGES</div> <div>.015 x 45° PR .015 R</div> <div>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</div>		
ARRIEL 1E-1E2							
PART #	QTY	DESCRIPTION			SCALE NTS		
-11	2	1" x 1-1/2" x .120 WALL x 7-1/4 LONG RECT. STEEL TUBING			DATE 4-14-06		
					SHEET 7 of 16		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-13

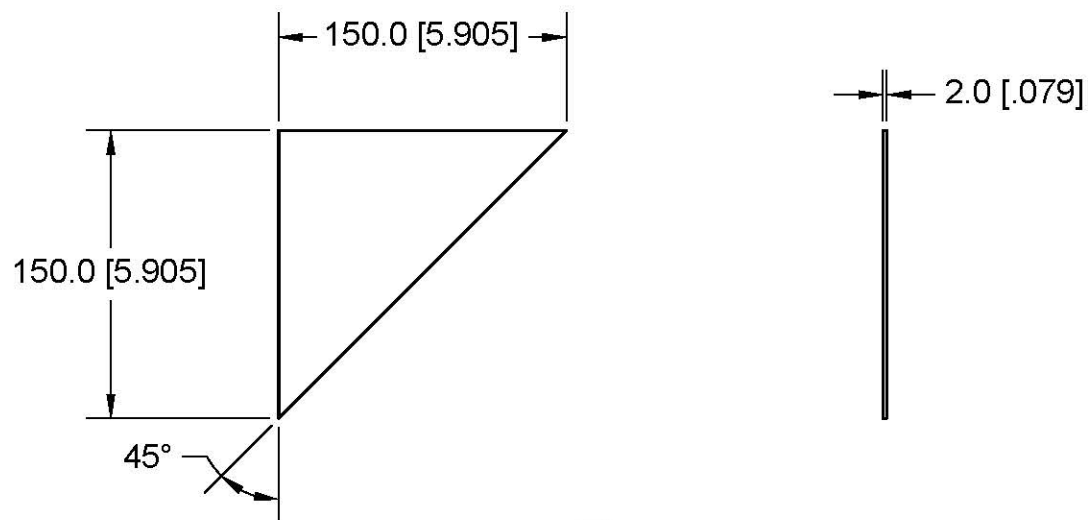
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>		
			APPROVED				
			HEAT TREAT		TITLE		
			FINISH SPEC				
			--				
			USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
			ARRIEL 1E-1E2				
					TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1		
					UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 0.15 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
PART #	QTY	DESCRIPTION			DWG NO.		
-13	2	1" x 1-1/2" x .120 WALL x 2-1/2 LONG RECT. STEEL TUBING			8819116000		
					REV		
					SCALE NTS		
					DATE 4-14-06		
					SHEET 8 of 16		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-15

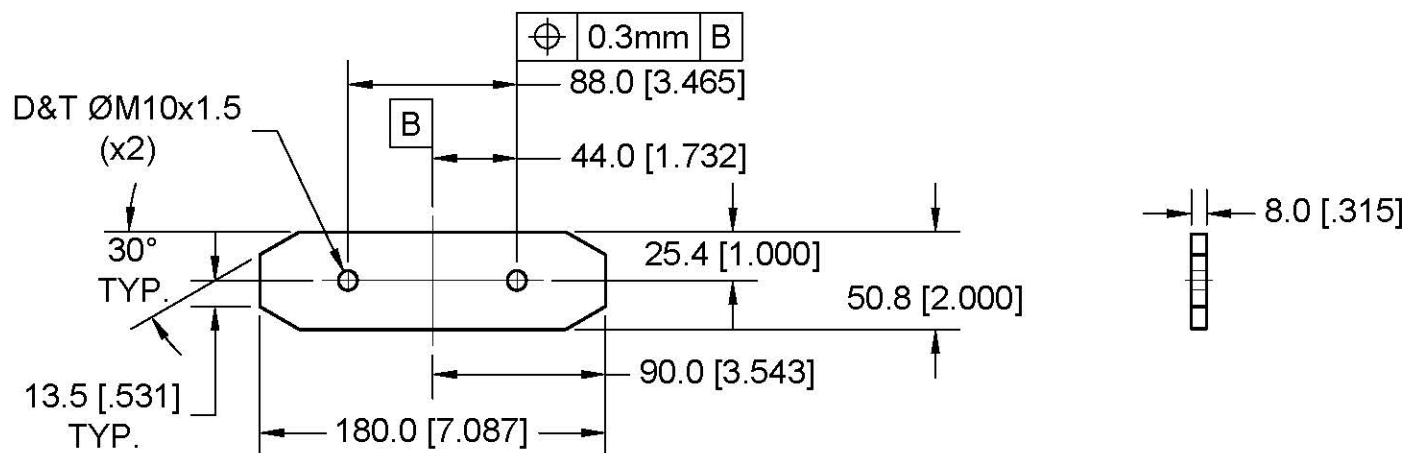
NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>			
			APPROVED					
			HEAT TREAT		TITLE MOTOR SUPPORT STAND			
			FINISH SPEC --					
			USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1			
			ARRIEL 1E-1E2					
PART #			QTY	DESCRIPTION	DWG NO.		REV	
-15			2	6" X 6" X 14 GAUGE C.R. SHEET STEEL	8819116000			
					SCALE NTS		DATE 4-14-06	SHEET 9 of 16

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-17

NOTES

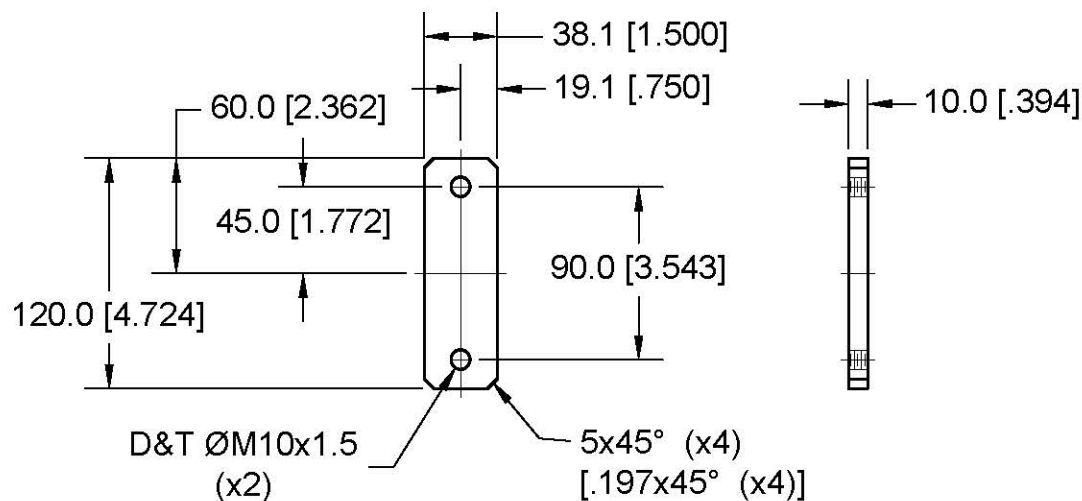
1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.
2. FACE, DRILL & TAP AFTER WELDING

8819116001 ASSEM.

			DRAWN BY: PERRITT		RED BARN MACHINE																		
			APPROVED																				
			HEAT TREAT		TITLE																		
			FINISH SPEC																				

<table><tr><td>PART #</td><td>QTY</td><td>DESCRIPTION</td></tr><tr><td>-17</td><td>2</td><td>1018 2" x 3/8" x 7-1/4" LONG FLAT BAR</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>			PART #	QTY	DESCRIPTION	-17	2	1018 2" x 3/8" x 7-1/4" LONG FLAT BAR										USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 FRACTIONS ± 1/32 XX ± .01 ANGLES ± 5° X ± .1			
			PART #	QTY	DESCRIPTION																		
			-17	2	1018 2" x 3/8" x 7-1/4" LONG FLAT BAR																		
ARRIEL 1E-1E2																							
			UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x .45" PR 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		DWG NO. 8819116000		REV																
					SCALE NTS		DATE 4-14-06	SHEET 10 of 16															

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-19

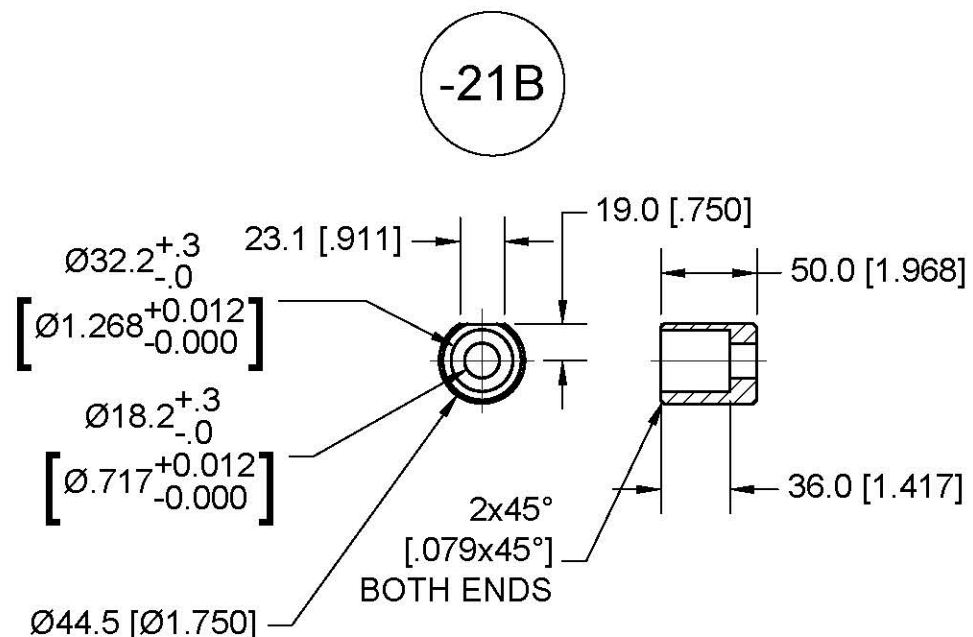
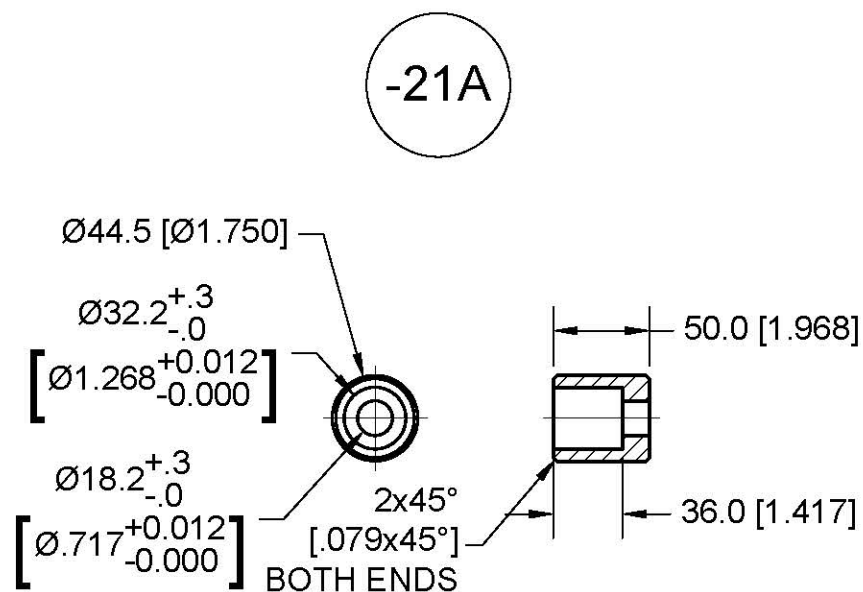
NOTES

1. FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div><div><div>RB</div></div>RED BARN MACHINE</div>		
			APPROVED				
			HEAT TREAT				
			FINISH SPEC --				
			USED ON MODEL		TITLE <div>MOTOR SUPPORT STAND</div>		
			ARRIEL 1E-1E2				
PART # QTY DESCRIPTION					DWG NO. 8819116000 REV		
-19 1 1018 1-1/2" x 1/2" x 5" LONG FLAT BAR							

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



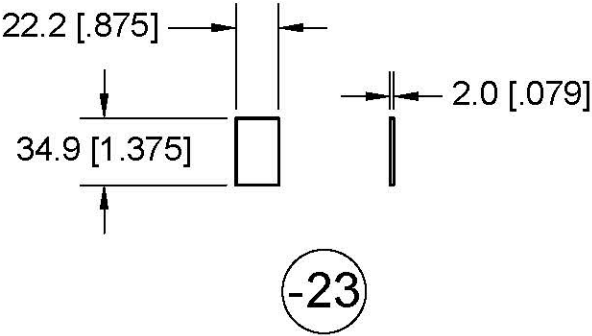
NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div><div>RB</div>RED BARN MACHINE</div>		
			APPROVED				
			HEAT TREAT		TITLE		
			FINISH SPEC				
			--				
			USED ON MODEL		MOTOR SUPPORT STAND		
			ARRIEL 1E-1E2				
					DWG NO. 8819116000		
					REV		
					SCALE NTS		
					DATE 4-14-06		
					SHEET 12 OF 16		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

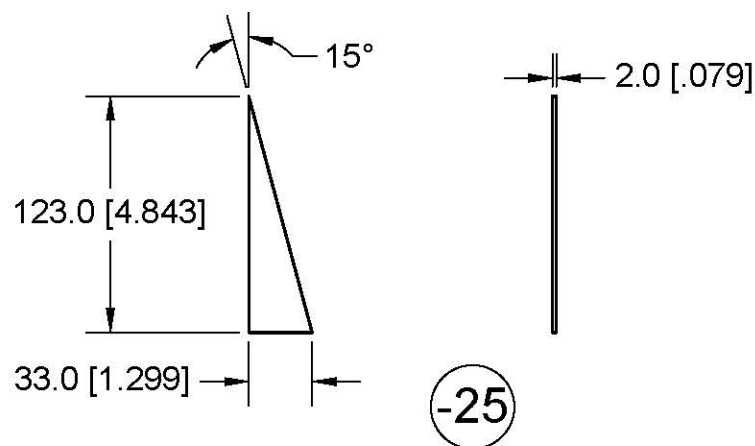
- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

DRAWN BY: PERRITT		<div><div>RB</div><div>RED BARN MACHINE</div></div>	
APPROVED			
HEAT TREAT			
FINISH SPEC --			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE	
TOLERANCES ON: DECIMALS XXX ± .005 XX ± .01 X ± .1		MOTOR SUPPORT STAND	
FRACTIONS ± 1/32 ANGLES ± 5°		DWG NO. 8819116000	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		REV	
SCALE NTS		DATE 4-14-06	SHEET 13 OF 16

PART #	QTY	DESCRIPTION
-23	6	7/8" x 1-3/8 x 14 GAUGE C.R. SHEET STEEL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



NOTES

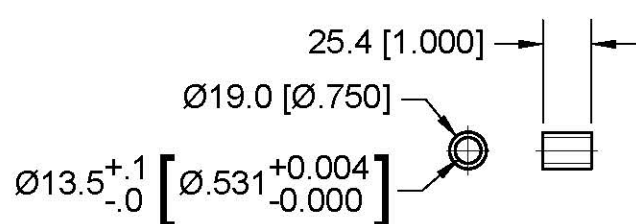
- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

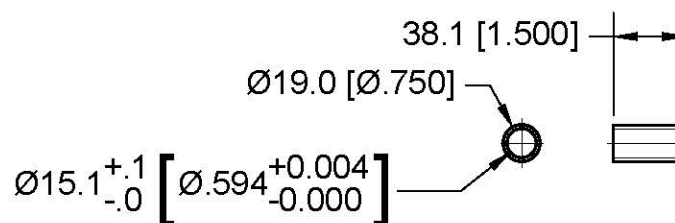
			DRAWN BY: PERRITT		<div><div><div>RB</div></div>RED BARN MACHINE</div>		
			APPROVED				
			HEAT TREAT		TITLE		
			FINISH SPEC ---				
			USED ON MODEL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ARRIEL 1E-1E2							
			TOLERANCES ON DECIMALS		8819116000		
			XXX ± .005 FRACTIONS ± 1/32				
			XX ± .01 ANGLES ± 5°		DWG NO. 8819116000		
			X ± .1				
			UNLESS OTHERWISE SPECIFIED		SCALE NTS		
			1. BREAK ALL SHARP EDGES				
			.015 x 45° PR .015 R		DATE 4-14-06		
			2. DIMENSIONAL LIMITS APPLY AFTER PLATING				
					SHEET 14 OF 16		

PART #	QTY	DESCRIPTION
-25	1	1-1/2" x 5" x 14 GAUGE C.R. SHEET STEEL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



-29A



-29B

NOTES

- FIRST DIMENSION IS METRIC,
SECOND IN BRACKETS IS INCHES.

8819116001 ASSEM.

			DRAWN BY: PERRITT		<div><div><div>RB</div></div>RED BARN MACHINE</div>			
			APPROVED					
			HEAT TREAT		TITLE			
			FINISH SPEC --					
			USED ON MODEL		MOTOR SUPPORT STAND			
			ARRIEL 1E-1E2					
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS XXX ± .005 XX ± .01 X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°		DWG NO. 8819116000		REV	
			UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE NTS		DATE 4-14-06	SHEET 16 of 16
PART #	QTY	DESCRIPTION						
-29A	4	3/4" O.D. x .120 WALL x 1-1/8" LONG CDS STEEL TUBING						
-29B	2	3/4" O.D. x .120 WALL x 1-1/2" LONG CDS STEEL TUBING						